

Title (en)

Coated component and manufacturing method

Title (de)

Beschichtetes Bauteil und Verfahren zur Herstellung

Title (fr)

Élément revêtu et procédé de fabrication

Publication

**EP 1688723 B1 20071003 (DE)**

Application

**EP 05000728 A 20050114**

Priority

EP 05000728 A 20050114

Abstract (en)

[origin: EP1688723A1] A thermal barrier coating (3) is applied to a base material (2) of the turbine component (10). Two thermographic phosphor layers (13,14) arranged within or beneath the coating surface are adapted to emit light corresponding to temperature of the thermographic phosphor layer. An independent claim is also included for production method of coated turbine component.

IPC 8 full level

**G01K 11/20** (2006.01)

CPC (source: EP US)

**G01K 11/20** (2013.01 - EP US); **Y10T 428/12611** (2015.01 - EP US); **Y10T 428/12771** (2015.01 - EP US); **Y10T 428/12778** (2015.01 - EP US); **Y10T 428/24289** (2015.01 - EP US); **Y10T 428/24298** (2015.01 - EP US); **Y10T 428/24314** (2015.01 - EP US); **Y10T 428/24331** (2015.01 - EP US)

Cited by

DE102016203248A1; EP2949877A1; CN108699360A; US9395301B2; US9964455B2; WO2015023322A3; WO2017148839A1

Designated contracting state (EPC)

CH DE GB IT LI

DOCDB simple family (publication)

**EP 1688723 A1 20060809**; **EP 1688723 B1 20071003**; DE 502005001625 D1 20071115; US 2006159939 A1 20060720; US 7556851 B2 20090707

DOCDB simple family (application)

**EP 05000728 A 20050114**; DE 502005001625 T 20050114; US 33057706 A 20060112